

1999 WASHINGTON WINE GRAPE ACREAGE SURVEY

COMPILED BY:

WASHINGTON AGRICULTURAL STATISTICS SERVICE

P.O. Box 609
Olympia, Washington 98507
Phone: (360)902-1940
Fax: (360)902-2091
e-mail: nass-wa@nass.usda.gov

Douglas A. Hasslen - **STATE STATISTICIAN**
Jerry McCall - **DEPUTY STATE STATISTICIAN**

OFFICE STAFF

ADMINISTRATION

Gail Spain
Rita Walker

SURVEYS/ PESTICIDE USAGE

Steve Hoel
Rhonda Shoemaker
Cheryl Ito

ESTIMATES GROUP

Frank Hammel Jr.
Joe Ross
Kim Ritchie

Bruce Boess
Wendy Owens
Paula Quartano

DATA PROCESSING

Quentin Hart
Tara Guy



Washington State Department of Agriculture
Jim Jesernig, Director

U.S. Department of Agriculture
National Agricultural Statistics Service
R. Ronald Bosecker, Administrator
Joseph T. Reilly, Deputy Administrator
for Field Operations

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Acknowledgment

Information presented in this report are the estimates from the Wine Grape Acreage Survey conducted during the winter of 1999 and relate to the acreage as of July 1, 1999. These survey data are comparable with data collected for January 1, 1993 in the Washington Fruit Survey. Comparisons can be made to interpret trends at the state level. Data collected for the Wine Grape Acreage Survey are the same format as the January 1, 1993 survey, except the earlier estimates were for state level only and the current report presents data at the appellation level and regions within the Columbia Valley Appellation.

The Washington Wine Commission recognized the need for accurate, current information about the wine grape industry and contacted the Washington Agricultural Statistics Service (WASS) to conduct the survey. Support for this survey was very strong and cooperation was excellent. The Wine Commission publicized the need for data and asked for cooperation of the producers along with the wineries and other industry people. Funding to complete this survey was provided by the Washington Wine Commission.

The Washington wine grape acreage, on July 1, 1999, totaled 24,000 acres. Survey results have been posted to our homepage (www.nass.usda.gov/wa). Oregon conducted a similar survey and published their results on their homepage (www.nass.usda.gov/or) showing 9,800 acres of wine grapes. Other reports are presented on both homepages that relate to production and price of wine grapes and other commodities.

The additional workload for this survey fell largely on Joe Ross, our fruit statistician and Rita Walker, who prepared final copy to print and post on the Internet. Their efforts go beyond the normal workload and are appreciated.

Douglas A. Hasslen
State Statistician

Washington Wine Grape Acreage, July 1, 1999

The total wine grape acreage in Washington is estimated at 24,000 acres as of July 1, 1999, more than double the acreage estimated on January 1, 1993. Red varieties more than tripled during this period, going from 4,000 acres in 1993 to 13,500 acres in 1999. The total bearing acreage of wine grapes (based on bearing the third year) totaled 17,000 acres compared with 10,200 acres six years ago.

The ratio of bearing acres to total acres shows the rapid increase in acreage that has occurred over the last two years, with red varieties advancing to a higher degree than whites. The percent of white varieties that are bearing is

86% and red varieties are at 59% for a combined total of 71% bearing. Comparison of the 1993 data shows white varieties were 96% bearing age and red varieties were 85% for a total of 92% bearing.

Chardonnay still retains its status as the most popular variety with the largest bearing acreage. Merlot and Cabernet Sauvignon are the second and third leading varieties. These three varieties account for 69% of the total acreage, both total and bearing. In 1993, White Reisling and Merlot held the second and third places, respectively, in terms of total acreage.

WINE GRAPE ACREAGE, TOTAL, AND BEARING ACRES, 1993 & 1999, WASHINGTON

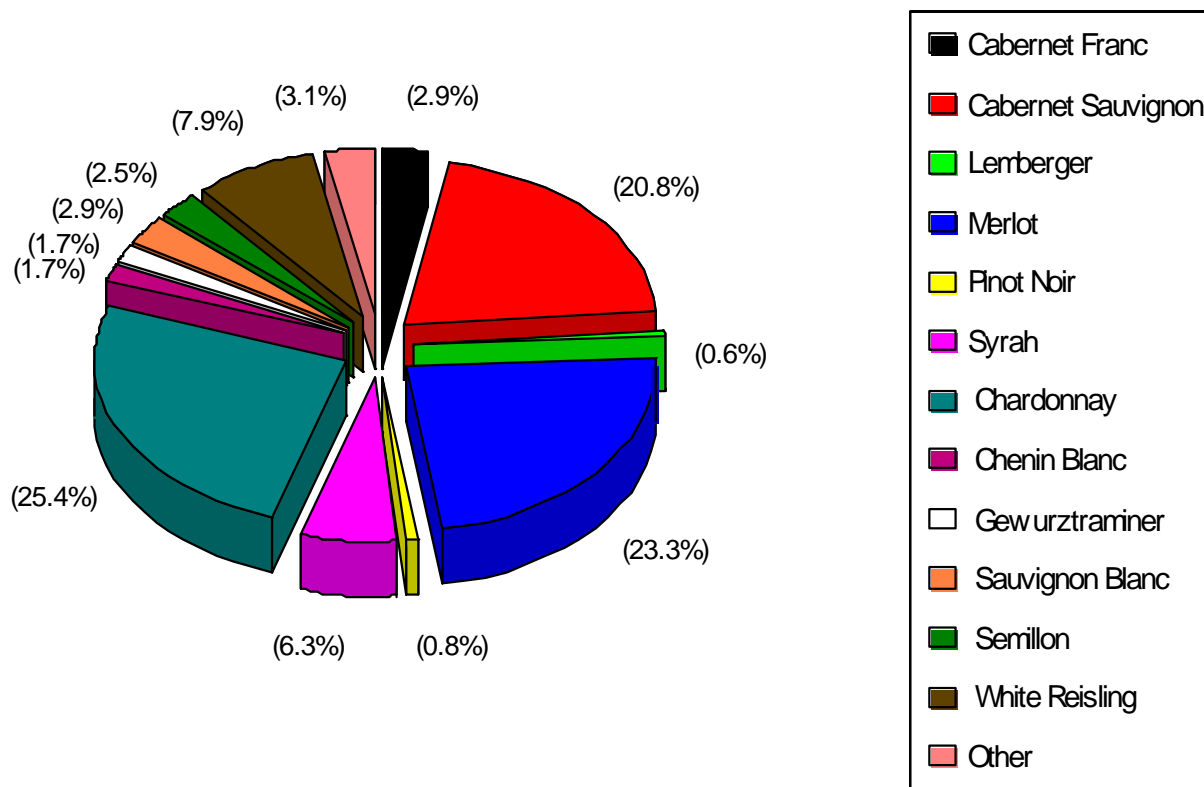
Variety	January 1, 1993		July 1, 1999		Percent 1999/1993	
	Total	Bearing	Total	Bearing	Total	Bearing
White Varieties:						
Chardonnay	2,600	2,350	6,100	5,030	235%	214%
Chenin Blanc	600	600	400	400	67%	67%
Gewurztraminer	300	300	400	310	133%	103%
Sauvignon Blanc	800	800	700	600	88%	75%
Semillon	700	700	600	590	86%	84%
White Reisling	2,000	1,950	1,900	1,780	95%	91%
Muscat Canelli	-	-	110	110	-	-
Pinot Gris	-	-	150	80	-	-
Viognier	-	-	60	20	-	-
Other White 1/	100	100	80	80	-	-
Total White	7,100	6,800	10,500	9,000	148%	132%
Red Varieties:						
Cabernet Franc	150	100	700	510	467%	510%
Cabernet Sauvignon	1,400	1,350	5,000	2,690	357%	199%
Lemberger	150	150	150	110	100%	73%
Merlot	1,800	1,350	5,600	4,040	311%	299%
Pinot Noir	250	200	200	200	80%	100%
Malbec	-	-	50	10	-	-
Sangiovese	-	-	100	40	-	-
Syrah	-	-	1,500	290	-	-
Zinfandel	-	-	50	10	-	-
Other Red 1/	250	250	150	100	-	-
Total Red	4,000	3,400	13,500	8,000	338%	235%
TOTAL ALL VARIETIES	11,100	10,200	24,000	17,000	216%	167%

* The Columbia Valley and Walla Walla Valley AVA's extend into Oregon. The Oregon acreage in these two AVA's is 806 acres bringing the Washington State and contiguous Oregon acreage to 24,806 total acres of wine grapes, with 17,653 bearing acres.

1/ "Other" includes varieties not published due to disclosure of individual operations. See page 17 for further information.

Major Wine Grape Varieties

Washington, July 1, 1999



Acreage by American Viticultural Areas

An American Viticultural Area (AVA) is an area that is “recognized” and “defined” by the U.S. Treasury Department, Bureau of Alcohol, Tobacco and Firearms. An AVA has unique climate, soil, physical features, etc. which distinguish it from surrounding areas. Washington has four AVA’s which are Puget Sound, Yakima Valley, Columbia Valley and Walla Walla Valley. Two of Washington’s AVA’s, the Columbia Valley and the Walla Walla Valley, extend into the state of Oregon. Acreage in this report for these two AVA’s includes only the Washington portion of the acreage unless stated otherwise.

The Yakima Valley and the Columbia Valley AVA’s have 97% of the State’s total and bearing acreage. Chardonnay is the variety with the largest acreage in the Yakima Valley AVA, at 2,910 acres, followed by Merlot with 1,850 acres and Cabernet Sauvignon with 1,450 acres. The combined acreage of these three varieties is 6,210 acres or 68% of the Yakima Valley AVA total. The Columbia Valley AVA shows Merlot as the leading variety with 3,630 acres, followed by Cabernet Sauvignon with 3,390 acres and Chardonnay with 3,090 acres. This three variety total for the Columbia Valley is 10,110 acres or 71% of the Columbia Valley AVA total.

Washington Wine Grape Acreage, July 1, 1999 - by AVA's

Variety	Puget Sound		Yakima		Walla Walla 1/		Columbia Valley 1/		Other		State Total	
	Total	Bearing	Total	Bearing	Total	Bearing	Total	Bearing	Total	Bearing	Total	Bearing
White Varieties:												
Chardonnay	0	0	2,910	2,320	80	70	3,090	2,620	20	20	6,100	5,030
Chenin Blanc	0	0	180	180	0	0	220	220	0	0	400	400
Gewurztraminer	0	0	290	220	10	10	90	70	10	10	400	310
Sauvignon Blanc	0	0	250	180	0	0	450	420	0	0	700	600
Semillon	0	0	190	190	0	0	410	400	0	0	600	590
White Reisling	0	0	760	680	0	0	1,130	1,090	10	10	1,900	1,780
Muscat	0	0	30	30	0	0	80	80	0	0	110	110
Pinot Gris	0	0	120	60	0	0	10	0	20	20	150	80
Voignier	0	0	30	10	0	0	30	10	0	0	60	20
Other White	40	40	10	10	0	0	20	20	10	10	80	80
Total White	40	40	4,770	3,880	90	80	5,530	4,930	70	70	10,500	9,000
Red Varieties:												
Cabernet Franc	0	0	230	180	20	20	450	310	0	0	700	510
Cabernet Sauvignon	0	0	1,450	830	150	70	3,390	1,780	10	10	5,000	2,690
Lemberger	0	0	120	90	0	0	30	20	0	0	150	110
Malbec	0	0	10	0	10	0	30	10	0	0	50	10
Merlot	0	0	1,850	1,390	110	40	3,630	2,600	10	10	5,600	4,040
Pinot Noir	10	10	110	110	0	0	40	40	40	40	200	200
Sangiovese	0	0	30	20	10	10	60	10	0	0	100	40
Syrah	0	0	510	150	50	20	940	120	0	0	1,500	290
Zinfandel	0	0	0	0	0	0	50	10	0	0	50	10
Other Red	10	10	20	10	10	0	100	70	10	10	150	100
Total Red Varieties	20	20	4,330	2,780	360	160	8,720	4,970	70	70	13,500	8,000
TOTAL ALL	60	60	9,100	6,660	450	240	14,250	9,900	140	140	24,000	17,000

1/ The Oregon acreage in the Columbia Valley AVA is 527 and in the Walla Walla Valley AVA is 279. This brings the Columbia Valley AVA total to 14,777 acres and the Walla Walla Valley AVA total to 729 acres.

Columbia Valley AVA Wine Grape Acreage

The Columbia Valley AVA is 1,152,000 acres in size and extends across the state line into the Oregon counties of Gilliam, Morrow, Sherman, Umatilla and Wasco. Nearly 60 percent of the state's wine grape acreage is located in this region. The Columbia Valley accounts for 65 percent of the state's acreage of red varieties and 53 percent of the state's acreage of white varieties.

The Columbia Valley AVA was subdivided into the following regions: Wahluke Slope, Royal Slope, TriCities, Alderdale Ridge and Other. The Wahluke Slope and Alderdale Ridge regions each account for nearly 38 percent of the Columbia Valley's total wine grape acreage. The Alderdale Ridge region has the largest acreage of white varieties at 2,360 acres or 43 percent of the AVA

total followed by Wahluke Slope at 1,690 acres or 31 percent of the AVA total. The most prominent white variety produced in the Alderdale Ridge region is Chardonnay, at 990 acres. Chardonnay is also the most common white variety produced in the Wahluke Slope region at 1,070 acres. The Wahluke slope region has the largest acreage of red varieties in the Columbia Valley, at 3,730 acres or 43 percent of the AVA total, followed by Alderdale Ridge at 3,040 acres or 35 percent of the total. The most prominent red variety produced in the Wahluke slope region is Merlot, at 1,640 acres followed by Cabernet Sauvignon, at 1,550 acres. The red variety with the largest acreage in the Alderdale Ridge region is Cabernet Sauvignon, at 1,260 acres followed by Merlot, at 1,100 acres.

Columbia Valley AVA Total Wine Grape Acreage, July 1, 1999 - by Region

Variety	Wahluke Slope	Royal Slope	TriCities	Alderdale Ridge	Other	Columbia Valley Total
White Varieties:						
Chardonnay	1,070	120	680	990	230	3,090
Chenin Blanc	0	0	30	190	0	220
Gewurztraminer	40	0	10	40	0	90
Sauvignon Blanc	70	0	130	250	0	450
Semillon	100	0	20	290	0	410
White Reisling	350	0	210	540	30	1,130
Muscat	50	0	0	30	0	80
Pinot Gris	0	0	10	0	0	10
Voignier	10	0	10	10	0	30
Other White	0	0	0	20	0	20
Total White	1,690	120	1,100	2,360	260	5,530
Red Varieties:						
Cabernet Franc	170	0	70	140	70	450
Cabernet Sauvignon	1,550	100	380	1,260	100	3,390
Lemberger	0	0	0	30	0	30
Malbec	10	0	20	0	0	30
Merlot	1,640	130	490	1,100	270	3,630
Pinot Noir	0	0	30	0	10	40
Sangiovese	10	0	20	30	0	60
Syrah	320	30	180	390	20	940
Zinfandel	20	0	10	20	0	50
Other Red	10	0	20	70	0	100
Total Red	3,730	260	1,220	3,040	470	8,720
TOTAL ALL	5,420	380	2,320	5,400	730	14,250

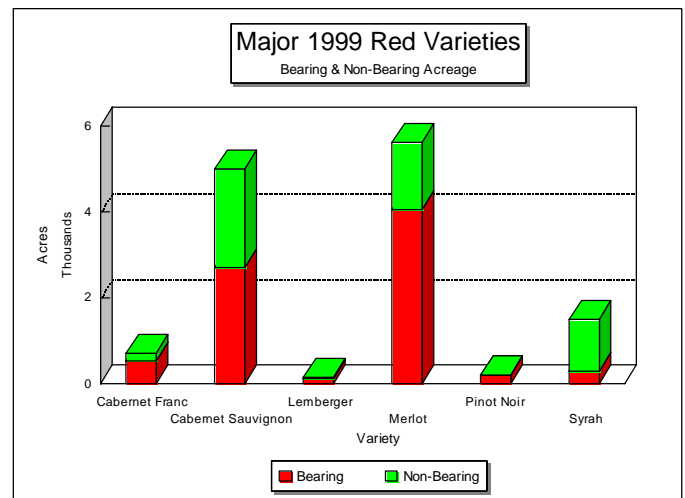
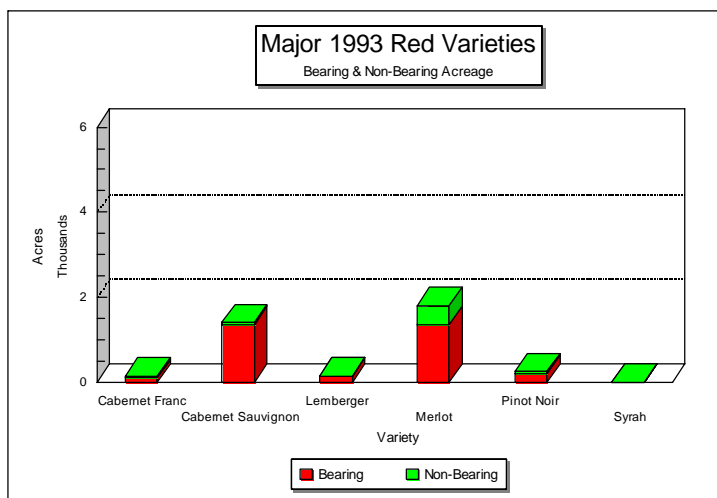
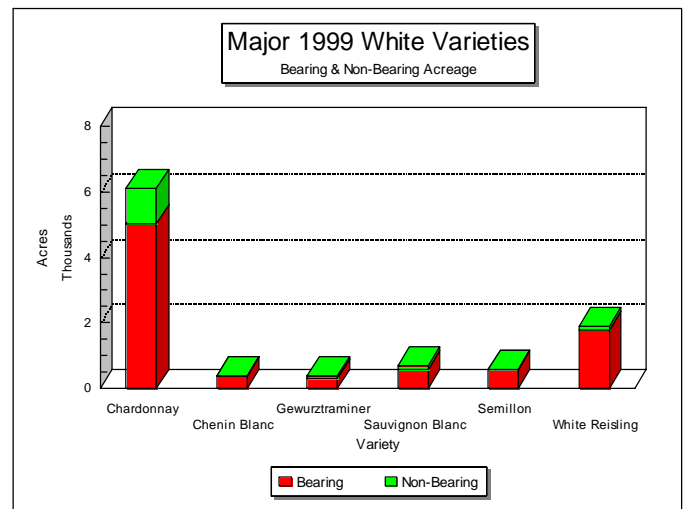
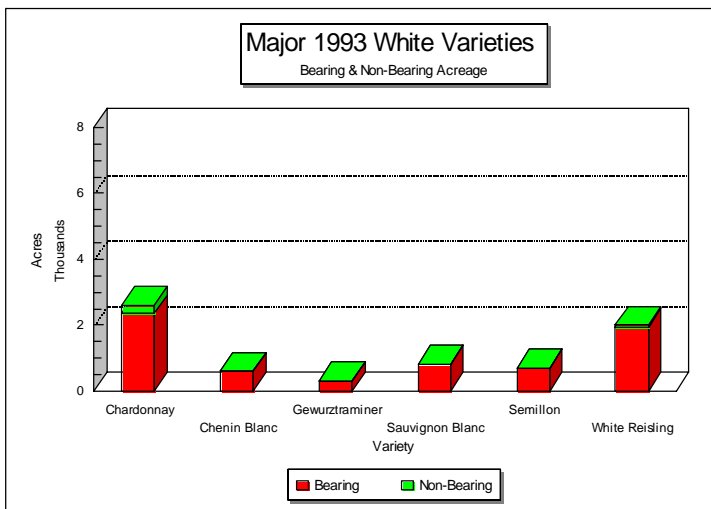
Washington State Wine Grape Acreage by AVA and Year Planted

Data at the state level indicate that wine grape acreage is rapidly increasing with 7,000 new acres of wine grapes coming into production during the next two years (one or two years old as of July 1, 1999). Grower intentions also show that very little established acreage will be removed during the next year. The Columbia Valley has 600 acres of non-bearing white varieties compared with 3,750 acres of non-bearing red varieties which illustrates the increasing popularity of red varieties. Red varieties are also increasing in the Yakima Valley. Non-bearing red varieties total 1,550 acres compared with 890 non-bearing acres of white varieties.

In addition to being the most common variety in the state, Chardonnay is also the most common white variety in the Columbia, Yakima and Walla Walla Valleys. Merlot's status as the most common red variety in the state also holds for the Columbia and Yakima Valleys.

The white variety with the largest non-bearing acreage in the state is Chardonnay, at 1,070 out of a total of 6,100 acres. At the AVA level, the Yakima Valley has the largest non-bearing Chardonnay acreage, at 590. The red variety with the largest non-bearing acreage in the state is Cabernet Sauvignon, at 2,310 acres. At the AVA level, the Columbia Valley has the largest number of non-bearing Cabernet Sauvignon acres, at 1,610.

The variety that will most likely have the largest percentage increase in bearing acreage within two years at the state level is Syrah. The non-bearing acreage for this variety totals 1,210 acres of the total of 1,500 acres or 81 percent. At the AVA level, the Columbia Valley has the largest acreage of Syrah, at 940 acres of which 820 acres are non-bearing. The Yakima Valley has the next largest acreage of Syrah, at 510 acres of which 360 acres are non-bearing.



Washington State Wine Grape Acreage, July 1, 1999 - by Year Planted

Variety	Prior to 1980	1980- 1989	1990- 1994	1995	1996	1997	1998	1999	Washington Total	
									Total	Bearing
White Varieties:										
Chardonnay	300	1,910	1,100	120	510	1,090	760	310	6,100	5,030
Chenin Blanc	160	220	20	0	0	0	0	0	400	400
Gewurztraminer	130	130	0	0	10	40	20	70	400	310
Sauvignon Blanc	260	300	10	10	0	20	40	60	700	600
Semillon	150	400	20	0	0	20	10	0	600	590
White Reisling	620	1,090	60	0	10	0	0	120	1,900	1,780
Muscat	20	70	20	0	0	0	0	0	110	110
Pinot Gris	0	0	10	10	20	40	50	20	150	80
Voignier	0	0	10	0	0	10	20	20	60	20
Other White	0	50	10	0	0	20	0	0	80	80
Total White	1,640	4,170	1,260	140	550	1,240	900	600	10,500	9,000
Red Varieties:										
Cabernet Franc	0	30	140	60	90	190	160	30	700	510
Cabernet Sauvignon	330	910	700	90	270	390	960	1,350	5,000	2,690
Lemberger	0	90	10	0	10	0	10	30	150	110
Malbec	0	0	10	0	0	0	30	10	50	10
Merlot	130	950	1,580	100	350	930	880	680	5,600	4,040
Pinot Noir	60	120	10	0	10	0	0	0	200	200
Sangiovese	0	0	20	10	10	0	20	40	100	40
Syrah	0	30	90	30	70	70	370	840	1,500	290
Zinfandel	0	0	10	0	0	0	20	20	50	10
Other Red	60	10	20	10	0	0	10	40	150	100
Total Red	580	2,140	2,590	300	810	1,580	2,460	3,040	13,500	8,000
TOTAL ALL	2,220	6,310	3,850	440	1,360	2,820	3,360	3,640	24,000	17,000

Yakima Valley AVA Wine Grape Acreage, July 1, 1999 - by Year Planted

Variety	Prior to 1980	1980- 1989	1990- 1994	1995	1996	1997	1998	1999	Yakima Valley Total	
									Total	Bearing
White Varieties:										
Chardonnay	60	970	380	70	370	470	410	180	2,910	2,320
Chenin Blanc	40	120	20	0	0	0	0	0	180	180
Gewurztraminer	80	90	0	0	10	40	0	70	290	220
Sauvignon Blanc	50	120	0	0	0	10	30	40	250	180
Semillon	30	150	10	0	0	0	0	0	190	190
White Reisling	200	430	40	0	10	0	0	80	760	680
Muscat	0	20	10	0	0	0	0	0	30	30
Pinot Gris	0	0	0	10	10	40	50	10	120	60
Voignier	0	0	10	0	0	0	10	10	30	10
Other White	0	0	0	0	0	10	0	0	10	10
Total White	460	1,900	470	80	400	570	500	390	4,770	3,880
Red Varieties:										
Cabernet Franc	0	10	90	10	30	40	50	0	230	180
Cabernet Sauvignon	40	320	320	50	70	30	190	430	1,450	830
Lemberger	0	70	10	0	10	0	10	20	120	90
Malbec	0	0	0	0	0	0	10	0	10	0
Merlot	80	380	650	30	90	160	170	290	1,850	1,390
Pinot Noir	30	70	10	0	0	0	0	0	110	110
Sangiovese	0	0	10	10	0	0	0	10	30	20
Syrah	0	10	50	30	30	30	110	250	510	150
Zinfandel	0	0	0	0	0	0	0	0	0	0
Other Red	0	0	10	0	0	0	10	0	20	10
Total Red	150	860	1,150	130	230	260	550	1,000	4,330	2,780
TOTAL ALL	610	2,760	1,620	210	630	830	1,050	1,390	9,100	6,660

Columbia Valley AVA Wine Grape Acreage, July 1, 1999 - by Year Planted

Variety	Prior to 1980	1980- 1989	1990- 1994	1995	1996	1997	1998	1999	Columbia Valley Total	
									Total	Bearing
White Varieties:										
Chardonnay	220	870	720	50	140	620	340	130	3,090	2,620
Chenin Blanc	120	100	0	0	0	0	0	0	220	220
Gewurztraminer	50	20	0	0	0	0	20	0	90	70
Sauvignon Blanc	210	180	10	10	0	10	10	20	450	420
Semillon	120	250	10	0	0	20	10	0	410	400
White Reisling	420	650	20	0	0	0	0	40	1,130	1,090
Muscat	20	50	10	0	0	0	0	0	80	80
Pinot Gris	0	0	0	0	0	0	0	10	10	0
Voignier	0	0	0	0	0	10	10	10	30	10
Other White	0	20	0	0	0	0	0	0	20	20
Total White	1,160	2,170	780	60	150	660	390	210	5,530	4,930
Red Varieties:										
Cabernet Franc	0	10	50	50	60	140	110	30	450	310
Cabernet Sauvignon	290	570	370	40	170	340	770	840	3,390	1,780
Lemberger	0	20	0	0	0	0	0	10	30	20
Malbec	0	0	10	0	0	0	20	0	30	10
Merlot	50	570	910	70	240	760	710	320	3,630	2,600
Pinot Noir	30	10	0	0	0	0	0	0	40	40
Sangiovese	0	0	0	0	10	0	20	30	60	10
Syrah	0	20	30	0	30	40	250	570	940	120
Zinfandel	0	0	10	0	0	0	20	20	50	10
Other Red	50	10	0	10	0	0	0	30	100	70
Total Red	420	1,210	1,380	170	510	1,280	1,900	1,850	8,720	4,970
TOTAL ALL	1,580	3,350	2,150	230	650	1,940	2,290	2,060	14,250	9,900

Walla Walla Valley AVA Wine Grape Acreage, July 1, 1999 - by Year Planted

Variety	Prior to 1980	1980- 1989	1990- 1994	1995	1996	1997	1998	1999	Walla Walla Valley Total	
									Total	Bearing
White Varieties:										
Chardonnay	10	60	0	0	0	0	10	0	80	70
Chenin Blanc	0	0	0	0	0	0	0	0	0	0
Gewurztraminer	0	10	0	0	0	0	0	0	10	10
Sauvignon Blanc	0	0	0	0	0	0	0	0	0	0
Semillon	0	0	0	0	0	0	0	0	0	0
White Reisling	0	0	0	0	0	0	0	0	0	0
Muscat	0	0	0	0	0	0	0	0	0	0
Pinot Gris	0	0	0	0	0	0	0	0	0	0
Voignier	0	0	0	0	0	0	0	0	0	0
Other White	0	0	0	0	0	0	0	0	0	0
Total White	10	70	0	0	0	0	10	0	90	80
Red Varieties:										
Cabernet Franc	0	10	0	0	0	10	0	0	20	20
Cabernet Sauvignon	0	10	10	0	30	20	0	80	150	70
Lemberger	0	0	0	0	0	0	0	0	0	0
Malbec	0	0	0	0	0	0	0	10	10	0
Merlot	0	0	10	0	20	10	0	70	110	40
Pinot Noir	0	0	0	0	0	0	0	0	0	0
Sangiovese	0	0	10	0	0	0	0	0	10	10
Syrah	0	0	10	0	10	0	10	20	50	20
Zinfandel	0	0	0	0	0	0	0	0	0	0
Other Red	0	0	0	0	0	0	0	10	10	0
Total Red	0	20	40	0	60	40	10	190	360	160
TOTAL ALL	10	90	40	0	60	40	20	190	450	240

Puget Sound AVA Wine Grape Acreage, July 1, 1999 - by Year Planted

Variety	Prior to 1980	1980- 1989	1990- 1994	1995	1996	1997	1998	1999	Puget Sound Total	
									Total	Bearing
White Varieties:										
Chardonnay	0	0	0	0	0	0	0	0	0	0
Chenin Blanc	0	0	0	0	0	0	0	0	0	0
Gewurztraminer	0	0	0	0	0	0	0	0	0	0
Sauvignon Blanc	0	0	0	0	0	0	0	0	0	0
Semillon	0	0	0	0	0	0	0	0	0	0
White Reisling	0	0	0	0	0	0	0	0	0	0
Muscat	0	0	0	0	0	0	0	0	0	0
Pinot Gris	0	0	0	0	0	0	0	0	0	0
Voignier	0	0	0	0	0	0	0	0	0	0
Other White	0	20	10	0	0	10	0	0	40	40
Total White	0	20	10	0	0	10	0	0	40	40
Red Varieties:										
Cabernet Franc	0	0	0	0	0	0	0	0	0	0
Cabernet Sauvignon	0	0	0	0	0	0	0	0	0	0
Lemberger	0	0	0	0	0	0	0	0	0	0
Malbec	0	0	0	0	0	0	0	0	0	0
Merlot	0	0	0	0	0	0	0	0	0	0
Pinot Noir	0	10	0	0	0	0	0	0	10	10
Sangiovese	0	0	0	0	0	0	0	0	0	0
Syrah	0	0	0	0	0	0	0	0	0	0
Zinfandel	0	0	0	0	0	0	0	0	0	0
Other Red	10	0	0	0	0	0	0	0	10	10
Total Red	10	10	0	0	0	0	0	0	20	20
TOTAL ALL	10	30	10	0	0	10	0	0	60	60

Other Area Wine Grape Acreage, July 1, 1999 - by Year Planted

Variety	Prior to 1980	1980- 1989	1990- 1994	1995	1996	1997	1998	1999	Other Total	
									Total	Bearing
White Varieties:										
Chardonnay	10	10	0	0	0	0	0	0	20	20
Chenin Blanc	0	0	0	0	0	0	0	0	0	0
Gewurztraminer	0	10	0	0	0	0	0	0	10	10
Sauvignon Blanc	0	0	0	0	0	0	0	0	0	0
Semillon	0	0	0	0	0	0	0	0	0	0
White Reisling	0	10	0	0	0	0	0	0	10	10
Muscat	0	0	0	0	0	0	0	0	0	0
Pinot Gris	0	0	10	0	10	0	0	0	20	20
Voignier	0	0	0	0	0	0	0	0	0	0
Other White	0	10	0	0	0	0	0	0	10	10
Total White	10	40	10	0	10	0	0	0	70	70
Red Varieties:										
Cabernet Franc	0	0	0	0	0	0	0	0	0	0
Cabernet Sauvignon	0	10	0	0	0	0	0	0	10	10
Lemberger	0	0	0	0	0	0	0	0	0	0
Malbec	0	0	0	0	0	0	0	0	0	0
Merlot	0	0	10	0	0	0	0	0	10	10
Pinot Noir	0	30	0	0	10	0	0	0	40	40
Sangiovese	0	0	0	0	0	0	0	0	0	0
Syrah	0	0	0	0	0	0	0	0	0	0
Zinfandel	0	0	0	0	0	0	0	0	0	0
Other Red	0	0	10	0	0	0	0	0	10	10
Total Red	0	40	20	0	10	0	0	0	70	70
TOTAL ALL	10	80	30	0	20	0	0	0	140	140

Grower Intentions to Remove or Plant Acreage

Two questions were included in the survey for white and red varieties:

- | | | | |
|--|--------------------|---|--------|
| 1. How many acres of wine grapes did you or do you plan to remove between July 1, 1999 to June 30, 2000? | A. White Varieties | <table border="1" style="display: inline-table; width: 100px; height: 20px; vertical-align: middle;"> <tr><td style="text-align: center;">. ____</td></tr> </table> 770 | . ____ |
| . ____ | | | |
| | B. Red Varieties | <table border="1" style="display: inline-table; width: 100px; height: 20px; vertical-align: middle;"> <tr><td style="text-align: center;">. ____</td></tr> </table> 780 | . ____ |
| . ____ | | | |
| 2. How many acres of wine grapes did you or do you plan to plant between July 1, 1999 to June 30, 2000? | A. White Varieties | <table border="1" style="display: inline-table; width: 100px; height: 20px; vertical-align: middle;"> <tr><td style="text-align: center;">. ____</td></tr> </table> 870 | . ____ |
| . ____ | | | |
| | B. Red Varieties | <table border="1" style="display: inline-table; width: 100px; height: 20px; vertical-align: middle;"> <tr><td style="text-align: center;">. ____</td></tr> </table> 880 | . ____ |
| . ____ | | | |

The results of the survey show 90 acres of white varieties will be removed and 550 acres will be planted for a net change of 460 acres more white varieties by July 1, 2000. The response for red varieties was also positive, but more sharply so, with 60 acres being removed and 1,950 acres being planted for a net change of 1,890 acres more red varieties.

Selected Characteristics of Operations Producing Wine Grapes in Washington

Of the 715 producers surveyed for wine grapes, 631 had wine grapes, concord grapes or acreages of both. Producers having wine grapes totaled 209 with 52 having acreages of both wine and concord grapes. Producers of concord grapes totaled 474 of which 422 produced concords only and had no wine grape acreage.

The wine industry is complex and the producers are very diverse. The entire operation was inventoried for fruit acreage by type to get a measure of this diversity. The following question layout was used to inventory the fruit acreage on individual operations:

INSTRUCTIONS

Please report the total acreage of each fruit and the total acreage in your entire operation. This information will be used to update our records plus provide information to describe the diversity of wine grape producers. The information you report should relate to July 1, 1999. This will provide a clear break of acreage by age for estimating the bearing acreage of wine grapes.

Summary of Fruit Acreage for Operation on Label - July 1, 1999

Fruit	Total Acres (Tenths)		Fruit	Total Acres (Tenths)
Apples	100 . ____		Peaches	105 . ____
Pears	101 . ____		Nectarines	106 . ____
Sweet Cherries	102 . ____		Plums/Prunes	107 . ____
Tart Cherries	103 . ____		Wine Grapes	108 . ____
Apricots	104 . ____		Other Grapes	109 . ____
Total Fruit Acreage				110 . ____
Total Acres in Operation (Include roads, wasteland, other crops, etc.)				120 . ____

The results of the inventory of fruit acreage for wine producers is presented in the following table:

Fruit Crops Produced by Washington Wine Grape Growers		
Fruit	Number of Reports	Acreage of Fruit
Apples	76	10,500
Pears	20	650
Sweet Cherries	38	1,500
Tart Cherries	0	0
Apricots	6	80
Peaches	9	150
Nectarines	5	30
Plums/Prunes	8	40
Wine Grapes	209	24,000
Other Grapes	52	4,400

Of the 209 operations reporting wine grapes, 86 of these operations had other tree fruit. Of these 86 operations, 76 had apples, 20 had pears, 38 had sweet cherries, 6 had apricots, 9 had peaches, 5 had nectarines and 8 had prunes. Some wine grape producers also had relatively large acreages of a particular tree fruit. Of the 76 wine grape producers with apple tree acreage, 67 had 50 or more acres of apples. Twenty wine grape producers had pear acreage with 12 having 50 or more acres of pears. Thirty-eight wine grape producers were also sweet cherry growers of which 33 had 50 or more acres of sweet cherries.

Survey Procedures

The Wine Grape Acreage survey was designed as a mail survey with phone follow-up. The total number of wine grape producers is relatively small so a complete enumeration of all known producers was possible. WASS maintains a list of producers in the state with the associated control data for each agricultural commodity produced. A questionnaire was mailed to all known grape producers, regardless of type produced, to ensure that all known producers were surveyed. Coverage of the list was considered very good and industry contacts helped to supplement the list with their knowledge of current conditions.

The initial mailing was made on October 5, 1999 to 715 grape producers. The mail response was very good as the Wine Commission and wineries supported the survey and encouraged response. About 60 % of the response was by mail and 30% by phone. Some producers were personally interviewed as the Wine Grape Acreage survey overlapped with other ongoing surveys conducted by WASS. Of the 715 producers surveyed, 631 (88%) had grapes. There were 55 producers (8%) who were farming but did not have grapes. Twenty-two operations (3%) were out-of-business, and 6 names were duplicated within the list and one producer had acreage in Oregon only.

Questionnaires received from growers were reviewed for completeness and key entered in code-data format. Microsoft Visual FoxPro was used for editing and summarizing the reported data. Growers provided wine grape acreage information by variety, appellation, and year of planting. A reference date for the survey of July 1, 1999 was used in order to provide a clear break for estimating acreage by age.

Operations not responding to the survey were estimated using control data for wine grape acreage maintained by NASS for sampling purposes, if available, or industry knowledge if no NASS data was available. The total raw data sum was adjusted for this non-response and estimates by variety and year planted were made proportional to reported data by AVA. The non-response adjustment to the total survey data was approximately 8 percent.

Acreage estimates were rounded to the nearest 1,000 acres at the state total level. The total acreage for white and red varieties were estimated to the nearest 500 acres. Estimates for each variety by year planted were made at 10 acre intervals. This procedure produces state estimates more accurately than the estimates at the appellation level.

Minor varieties were not published if they represented a disclosure problem as defined by NASS. Some producers were contacted in the Walla Walla AVA for written permission to publish varietal data for this appellation. Minor varieties were combined into “Other White” with 80 total and bearing acres, and “Other Red” with 150 total acres of which 100 were bearing age.

There were 11 Other White minor varieties: Mueller-Thurgau, Siegerrebe, Madeline, Angevine, Madeline Sylvaner, Marsanne, Orange Muscat, Rousanne, Muscat of Alexandria, Okanagan Reisling, Golden Muscat, and Chasselas.

There were 21 Other Red minor varieties: Petit Verdot, Gamay, Grenache, Cambell Early, Royalty, Marechal Foch, Nebbiolo, Touriga, Souzao, Tinto Cao, White Zinfandel, Leon Milot, Joffre, Cascade, Cinsaut, Carmenere, Dolcetto, Cournoise, New York Muscat, Barbera, and Mouverdre.

The data published from this survey were delivered to the Wine Commission in two reports, a press release format and a final report. The date of publication was determined by the Wine Commission as they had sponsored the survey. The press release and final report were published on the NASS home page www.nass.usda.gov/wa on the date of publication and a press release was mailed to each producer who requested a copy of the survey results. Data presented in the press release are primarily for state level information while the final report show data at the AVA, variety and year planted level. Twenty-five copies of the final report were delivered to the Wine Commission.



United States
Department
of Agriculture
National Agricultural
Statistics Service

Washington Agricultural Statistics Service

PO Box 609 Olympia, WA 98507-0609 (360)902-1940 FAX (360)902-2091

www.nass.usda.gov

Dear Grape Grower:

Our agency has agreed to conduct a Wine Grape Acreage Survey. The Washington Wine Commission is sponsoring this survey and our goal is to publish a report in early January 2000. This survey is designed as a mail survey. We are allowing adequate time for you to complete the enclosed questionnaire, and we will follow-up by phone interview in three to four weeks if we have not received your response.

We are mailing this questionnaire to all grape producers as many people are switching to wine grapes. This will provide the most accurate coverage, especially for new producers. If you do not have wine grapes, complete the face page for all fruit and skip to the back page to indicate if you intend to plant wine grapes.

Information is being requested by block, by county, by appellation or region (refer to the enclosed map). If the variety or year planted changes, use a separate line. All individual reports will be kept confidential and only summarized data published. Comments entered on the back page will be relayed to the Wine Commission without identifying who provided the comment.

Joe Ross or Steve Hoel can answer any questions you have about the survey. They can be reached at either (360)902-1940 or 1(800)435-5883.

Sincerely,

Doug Hasslen
State Statistician



United States
Department
of Agriculture
National Agricultural
Statistics Service

WINE GRAPE ACREAGE SURVEY JULY 1, 1999

P.O. Box 609
Olympia, WA 98507
Form Approved
O.M.B. #0535-0039
Expires: 12/31/02
Project Code 412

Dear Reporter:

The Washington Wine Commission has contracted with our agency to conduct a survey of wine grapes in Washington. The data requested is the acreage of each wine variety and the year planted.

Your voluntary response is needed for accurate estimates. All reports will be kept confidential and only summary data will be presented in a published report.

Sincerely,

Douglas A. Hasslen
State Statistician

Please make correction in name, address, and zip code, if necessary.

INSTRUCTIONS

Please report the total acreage of each fruit and the total acreage in your entire operation. This information will be used to update our records plus provide information to describe the diversity of wine grape producers. The information you report should relate to July 1, 1999. This will provide a clear break of acreage by age for estimating the bearing acreage of wine grapes.

Summary of Fruit Acreage for Operation on Label - July 1, 1999

Fruit	Total Acres (Tenths)		Fruit	Total Acres (Tenths)
Apples	100 .____		Peaches	105 .____
Pears	101 .____		Nectarines	106 .____
Sweet Cherries	102 .____		Plums/Prunes	107 .____
Tart Cherries	103 .____		Wine Grapes	108 .____
Apricots	104 .____		Other Grapes	109 .____
Total Fruit Acreage			110 .____	
Total Acres in Operation (Include roads, wasteland, other crops, etc.)			120 .____	

Reported by: _____ Telephone: _____

County where grown: _____ Date: _____

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The time required to complete this information collection is estimated to average 8 minutes per response.

MAJOR WINE GRAPE VARIETIES

<u>Red Wine Varieties</u>	<u>White Wine Varieties</u>
Cabernet Franc	Chardonnay
Cabernet Sauvignon	Chenin blanc
Lemberger	Gewurztraminer
Malbec	Muscat Canelli
Merlot	Pinot blanc
Pinot noir	Pinot gris
Sangiovese	White Reisling
Syrah	Sauvignon blanc
Zinfandel	Semillon
	Viognier
Other red (specify) _____	Other white (specify) _____

NOTE: If you do not have wine grapes, skip to the back page, question 2.

Wine Grape Acreage by Block for Operation on Label - July 1, 1999

(Note: Use a separate line if there is a change in variety or year planted.)

County	Appellation Region or Subregion	Block Name or Number	Wine Grape Variety	Office Use Only	Acres in Vines (tenths)	Year Planted (19__ __)
200	300		500		600 ____	700 ____
201	301		501		601 ____	701 ____
202	302		502		602 ____	702 ____
203	303		503		603 ____	703 ____
204	304		504		604 ____	704 ____
205	305		505		605 ____	705 ____
206	306		506		606 ____	706 ____
207	307		507		607 ____	707 ____
208	308		508		608 ____	708 ____
209	309		509		609 ____	709 ____
210	310		510		610 ____	710 ____

If more lines are needed to report all of your information, please continue on the next page. Refer to the enclosed maps defining appellations and regions. If you don't know the appellation or region the block is located in, check with your winery or the Washington Wine Commission.

Wine Grape Acreage by Block for Operation on Label - July 1, 1999 (continued)

(Note: Use a separate line if there is a change in variety or year planted.)

County	Appellation Region or Subregion	Block Name or Number	Wine Grape Variety	Office Use Only	Acres in Vines (tenths)	Year Planted (19__ __)
211	311		511		611 ____	711 ____
212	312		512		612 ____	712 ____
213	313		513		613 ____	713 ____
214	314		514		614 ____	714 ____
215	315		515		615 ____	715 ____
216	316		516		616 ____	716 ____
217	317		517		617 ____	717 ____
218	318		518		618 ____	718 ____
219	319		519		619 ____	719 ____
220	320		520		620 ____	720 ____
221	321		521		621 ____	721 ____
222	322		522		622 ____	722 ____
223	323		523		623 ____	723 ____
224	324		524		624 ____	724 ____
225	325		525		625 ____	725 ____
226	326		526		626 ____	726 ____
227	327		527		627 ____	727 ____
228	328		528		628 ____	728 ____
229	329		529		629 ____	729 ____
230	330		530		630 ____	730 ____
231	331		531		631 ____	731 ____

Total acreage for all blocks

400 ____

Note: Verify that the sum of acres for wine grapes equals the acreage reported in the summary table on the face page of this questionnaire. If the information does not agree, please review and make corrections.

1. How many acres of wine grapes did you or do you plan to remove between July 1, 1999 to June 30, 2000?

A. White Varieties

B. Red Varieties

_____	770
_____	780

2. How many acres of wine grapes did you or do you plan to plant between July 1, 1999 to June 30, 2000?

A. White Varieties

B. Red Varieties

_____	870
_____	880

Comments about unusual situations that would be helpful in understanding your operation would be appreciated.

(These comments are confidential.)

Comments to be included in report to Wine Commission:

Are the day to day decisions for this operation made by partners?

() No - Continue.

() Yes - To help us eliminate possible duplication, please identify other partners in the operation.

Name

Address

Phone

If you would like to receive a copy of the survey results, please check here.
If additional help is needed, please call (360)902-1940 or 1-800-435-5883.

_____	111
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